

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP2004/015752

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L9/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 371 794 A (DIFFIE ET AL) 6 December 1994 (1994-12-06)	1,2, 11-13
Y	abstract	7-9
A	column 10, line 25 - line 46	5
Y	BIRD R ET AL INTERNATIONAL ASSOCIATION FOR CRYPTOLOGIC RESEARCH: "SYSTEMATIC DESIGN OF TWO-PARTY AUTHENTICATION PROTOCOLS*" ADVANCES IN CRYPTOLOGY. SANTA BARBARA, AUG. 11 - 15, 1991, PROCEEDINGS OF THE CONFERENCE ON THEORY AND APPLICATIONS OF CRYPTOGRAPHIC TECHNIQUES (CRYPTO), BERLIN, SPRINGER, DE, 16 April 1992 (1992-04-16), pages 44-61, XP000269030 page 49, line 8 - line 13 page 50, paragraph 1	7-9

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

16 February 2005

Date of mailing of the international search report

23/02/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/104001 A1 (LOTSPIECH JEFFREY BRUCE ET AL) 1 August 2002 (2002-08-01) paragraph '0041! -----	4

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/015752

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5371794	A	06-12-1994	DE 69433771 D1	17-06-2004
			DE 69433771 T2	03-02-2005
			EP 0651533 A2	03-05-1995
			JP 7193569 A	28-07-1995
			US RE36946 E	07-11-2000
US 2002104001	A1	01-08-2002	US 2002147906 A1	10-10-2002
			CN 1489847 T	14-04-2004
			EP 1354443 A2	22-10-2003
			WO 02060116 A2	01-08-2002
			JP 2004520743 T	08-07-2004

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